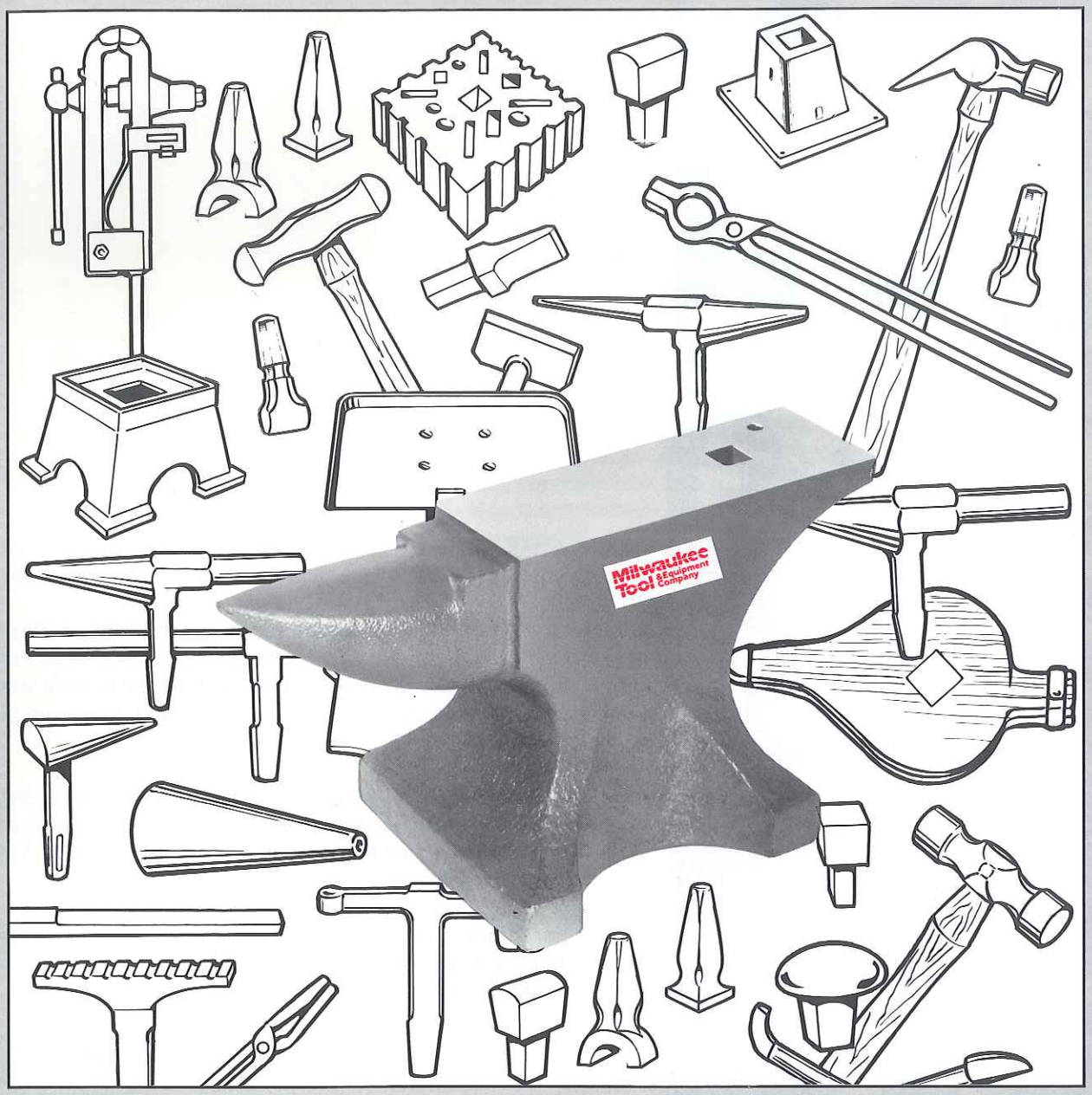
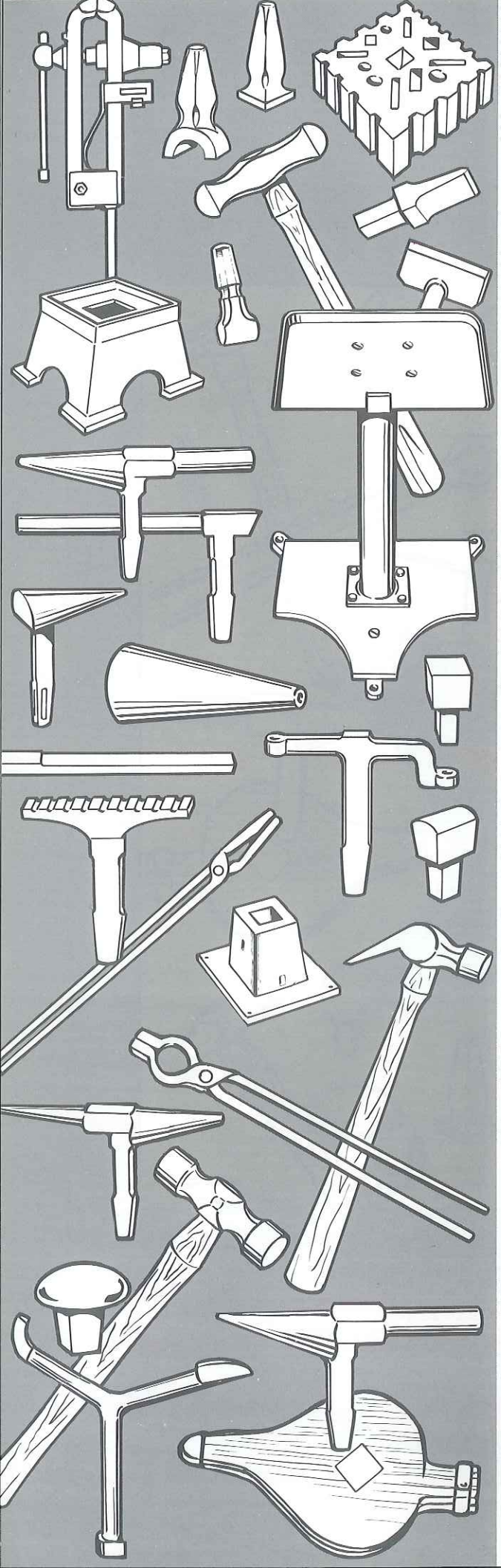
Milwaukee Tool & Equipment Company

97-5



Blacksmiths' & Tinmen's Tools



You will find the most complete line of Blacksmith's and Tinmen's tools available anywhere on the following pages.

All tools listed in this catalog are made in England. Some are lighter or smaller than domestic made only when the variance makes them more useful and easier to work with. All will do the job for which they are intended. You have our warranty on that.

Here at Milwaukee Tool our pledge is to provide quality, value and satisfaction and it has been that way since Great Grandfather Gutenkunst started the Milwaukee Hay Tool Company back in 1877.

Other product lines available from Milwaukee Tool are vises, C clamps, pipe wrenches, jacks, and braces. Ask for Catalog No. 95-8 to get the facts.

Milwaukee Tool & Equipment Company

2773 SOUTH 29TH STREET
P.O. BOX 2039
MILWAUKEE, WISCONSIN 53201
(414) 645-0200
FAX 414-645-2892

Milwaukee Tool & Equipment Company

CAST STEEL ANVILS

MILWAUKEE

Quality cast steel, heat treated and tempered. Reduces strain as the softer inner body absorbs impact blows through the hardened surface.

Part No.	Lgth. OA, in.	Ht. OA, in.	Weight Min.	Weight Max.
600008	8¼	3⅞	7	9
600030	12½	6⅜	27	33
600056	15⅛	7	52	60
600084	19⅛	8	80	88
600100	20½	9	95	105
600140	22⅝	9⅜	135	145
600200	27	11½	190	210
*600280	30½	13½	270	290
*600336	34½	14	326	246
*600392	36	14½	382	400
*600504	36½	16	495	510

Specifications

	Face, in. Length	Face, in. Width	Hardie hole, in.	Pritchel hole, in.
600008	5	2	—	⅜
600030	7½	2⅝	⅝	⅜
600056	9½	3	¾	⅜
600084	11¾	3½	¾	⅜
600100	12½	3½	¾	⅜
600140	14	4⅜	1¼	½
600200	16½	4¼	1¼	½
*600280	18¾	4¾	1¼	¾
*600336	21	5	1¼	¾
*600392	22	5¼	1¼	¾
*600504	22¼	5¾	1¼	¾

STANDS

Part No.	For Anvil	Height	Wt. lbs.
601100	600100	11	86
601140	600140	11	96
601200	600200	11	102

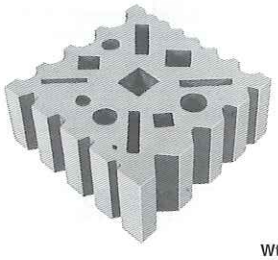
Larger sizes available

for Swage Block			
611093	610093	12	95
611124	610124	11¼	140
611135	610135	11¾	168
611145	610145	11¾	175
611155	610155	11¾	196
611247	610247	12	247

Larger sizes available

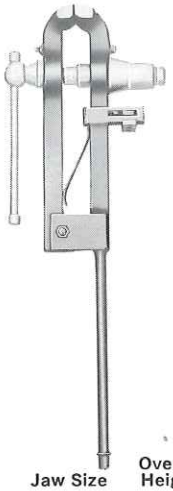
*Special order

SWAGE BLOCKS



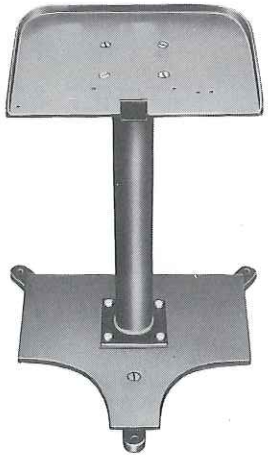
Part No.	Size	Wt. lbs.
610093	9 x 9 x 3	47
610124	12 x 12 x 4	108
610136	13 x 13 x 6	175
610145	14 x 14 x 5	185
610155	15 x 15 x 5	224
610247	24 x 24 x 7	756

STEEL LEG VISE



Part No.	Jaw Size	Overall Height	Wt. lbs.
602604	4½"	37"	55
602606	6 "	37"	70

LEG VISE STAND



Part No.	Height	Wt. lbs.
602710	28"	86

ALL-STEEL STAND is designed for above leg vises, provides clearance and accessability on all sides.

BOTTOM SWAGE

Part No.	Size	Shank Size	Wt. lbs.
632008	¼"	1¼"	3
632012	⅜"	1¼"	3
632016	½"	1¼"	3

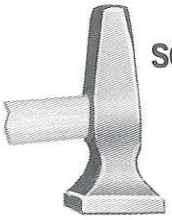
TOP SWAGE

Part No.	Size	Wt. lbs.
633008	¼"	4.25
633012	⅜"	4.25
633016	½"	4.25

BOTTOM FULLER

Part No.	Size	Shank Size	Wt. lbs.
634008	¼"	1¼"	2.25
634012	⅜"	1¼"	2.25
634016	½"	1¼"	2.25

SQUARE FLATTER



Part No.	Size	Wt. lbs.
635015	1½ x 1½	2.50
635020	2 x 2	2.75
635025	2½ x 2½	3.75

HARDIE

Part No.	Blade Size	Shank Size	Wt. lbs.
637020	1¾"	⅝"	1.25
637024	1¾"	1¼"	2

TOP FULLER

Part No.	Size	Wt. lbs.
638008	¼"	2.5
638012	⅜"	2.75
638016	½"	2.75

HOT SET CHISEL

Part No.	Size	Wt. lbs.
639003	1¾"	3.25

COLD SET CHISEL

Part No.	Size	Wt. lbs.
640003	1¾"	3.25

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FLAT CUT COLD CHISEL

Part No.	Size
643008	4 x 1/4
643012	6 x 3/8
643016	8 x 1/2
643020	8 x 5/8
643024	10 x 3/4
643028	10 x 7/8
643032	12 x 1

CROSS CUT COLD CHISEL

Part No.	Size
644008	4 x 1/4
644016	6 x 1/2
644020	7 x 3/8
644024	8 x 3/4
644028	9 x 7/8
644032	10 x 1

ROUND PUNCHES

Part No.	Size	Wt. lbs.
647008	1/4	2.5
647012	3/8	2.5
647016	1/2	2.5
647020	5/8	2.75
647024	3/4	3.5
647028	7/8	3.5
647032	1	2.75

SQUARE PUNCHES

Part No.	Size	Wt. lbs.
648008	1/4	2
648012	3/8	2.25
648016	1/2	2.75
648020	5/8	2.75
648024	3/4	3
648028	7/8	3
648032	1	3

THREE ARM STAKE

Multi Surfaces offer a variety of uses.

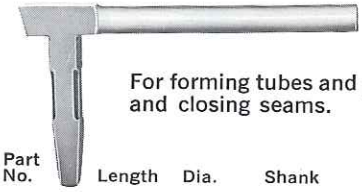
Part No.	Wt. lbs.
671026	4.75

BICK IRON

Elongated Anvil for bending and trueing.

Part No.	Length	Wt. lbs.
671030	15¾"	10

PIPE STAKE



For forming tubes and pipes and closing seams.

Part No.	Length	Dia.	Shank	Wt. lbs.
671045	17¾	1¾"	1 1/16 x 7¼	15.25

SIDE STAKE

Part No. 671055

Similar to 671045 but has a longer shank and shorter head.

Length	Dia.	Shank	Wt. lbs.
11¾"	1¾"	1¼ x 10½"	15

FUNNEL STAKE

For forming cones and trueing bases of Bowls etc.

Part No.	Length	Dia. Lg. End	Wt. lbs.
671069	9"	4"	8.5

TINMAN'S ANVIL

For forming and trueing boxes and curved objects.

Part No.	Size	Wt. lbs.
671070	3" x 3"	5

HATCHET STAKE

For forming acute angle bends — making seamed joints etc.

Part No.	Length	Wt. lbs.
671080	10"	10

HALF MOON STAKE

For forming circular bases with seamed joint (skill required)

Part No.	Length	Wt. lbs.
671093	12"	3.25

ROUND BOTTOM STAKE

For trueing and turning edges on circular bases.

Part No.	Dia.	Wt. lbs.
671100	4"	10

DOME HEAD STAKE

Long shank for working bases of deep vessels and bowl shapes.

Part No.	Dia.	Wt. lbs.
671102	2-3/8"	8

PEPPER BOX STAKE

Part No.	Dia.	Wt. lbs.
671103	3"	8

MUSHROOM HEAD STAKE

Part No.	Dia.	Wt. lbs.
671104	2-5/8"	8

BALL HEAD STAKE

For blending contours, turning bowl ends and forming spout junctions.

Part No.	Dia.	Wt. lbs.
671105	3"	8

OVAL HEAD STAKE

For shaping spoons etc.

Part No.	Wt. lbs.
671106	8

GROOVING STAKE

Variety of semi-circular grooves useful in forming beads and edges.

Part No.	Size	Wt. lbs.
671110	8⅛" x 1½	8

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CREASING STAKE

General purpose flat face plus grooves for grooving and trueing on one tool.

Part No.	Length	Wt. lbs.
671120	8½"	8

STAKE HOLDER

A firm base for all long shanked stakes. Includes key to dislodge stakes.

Part No.	Holes Size	Wt. lbs.
671130	1⅝"	13.75

TINMANS HORSE

Holds Heads 671141 through 671149 in either of two positions with maximum clearance.

Part No.	Length	Hole	Wt. lbs.
671140	30"	1¼ x 1½	25

SQUARE HEAD

General flat surface for flatting and stretching.

Part No.	Size	Wt. lbs.
671141	2" x 2"	2.5

LONG HEAD

For large circular work and internal planishing at bowl mouths having a slight outward curve.

Part No.	Size	Wt. lbs.
671142	3¼" x 1¾"	3.25

SADDLE HEAD

Part No.	Size	Wt. lbs.
671143	3⅛" x 2"	4

OVAL FLAT HEAD

Tinman and artmetal worker will find useful in turning up bottoms of oval vessels and forming of rims to bases.

Part No.	Dia.	Wt. lbs.
671144	2"	2.75

SHALLOW OBLONG HEAD

Useful for general forming.

Part No.	Length	Wt. lbs.
671145	3¾"	3.25

DEEP OBLONG HEAD

For raising and shaping by planishing.

Part No.	Length	Wt. lbs.
671146	3¾"	3.25

ROUND FLAT HEAD

For flatting, stretching, etc.

Part No.	Dia.	Wt. lbs.
671147	2"	3

SHALLOW ROUND HEAD

For perfecting bowl shapes.

Part No.	Dia.	Wt. lbs.
671148	2"	3

DEEP ROUND HEAD

Good for bowl shaping having a deeper form.

Part No.	Dia.	Wt. lbs.
671149	2"	3

MANDREL CONE

Part No.	Size	Wt. lbs.
671200	18" x 6" x 2"	38

MANDREL BAR

Part No.	Size	Wt. lbs.
671210	36" x 1¾"	28

CANDLE MOULD STAKE

Has long taper and short taper horns for tube shaping or forming and general purposes.

Part No.	Size	Wt. lbs.
671240	19⅝ x 10¾	8.25

SQUARE STAKE

(drip pan)

Part No.	Size	Wt. lbs.
671440	4 x 4 x 1½"	10

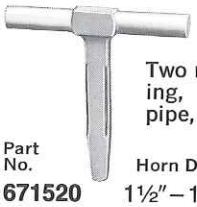
BLOWHORN STAKE

Large horn for shaping abrupt tapers, funnels. Smaller horn shapes taper tubes.

Part No.	Length	Wt. lbs.
671450	21"	15

CONDUCTOR STAKE

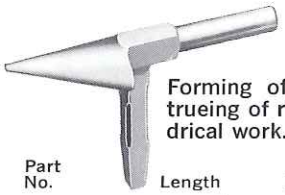
(double ended side stake)



Two round horns for shaping, forming or seaming pipe, tubes, cylinders.

Part No.	Horn Dia.	Length	Wt. lbs.
671520	1½"–1⅜"	18"	15

FUNNEL & SIDE STAKE



Forming of small cones, trueing of rings and cylindrical work.

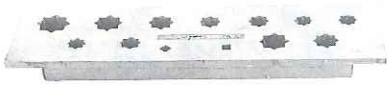
Part No.	Length	Dia.	Wt. lbs.
671540	18½"	1½"	15

EXTINGUISHER STAKE

Similar to Bick Iron No. 671030 except shorter for bending and trueing.

Part No.	Length	Wt. lbs.
671550	10"	7

BENCH PLATE



Popular stake plate holds all size stakes.

Part No.	Size	Wt. lbs.
671830	30" x 8"	73

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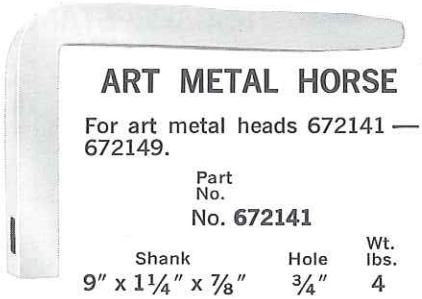


ART METAL HORSE

For art metal heads 672141 — 672149.

Part No.	Shank	Hole	Wt. lbs.
No. 672141	9" x 1¼" x ⅞"	¾"	4

TAPER ROUND FLAT HEAD

Part No.	Dia.	Wt. lbs.
672142	2½"	1.25

LONG TAPER SADDLE HEAD

Part No	Size	Wt. lbs.
672143	2½"x1½"	1

SHALLOW ROUND BUTTON HEAD

Part No.	Dia.	Wt. lbs.
672144	2¼"	.75

MINIATURE ANVIL HEAD

Part No.	Length	Wt. lbs.
672145	5¼"	.75

ROUND DOME HEAD

Part No.	Dia.	Wt. lbs.
672146	2¼"	.75

SADDLE HEAD

Part No.	Size	Wt. lbs.
672147	2½" x 1½"	1.25

MINIATURE TINMANS ANVIL HEAD

Part No.	Size	Wt. lbs.
672148	1¾" x 1¾"	1.25

DEEP ROUND MUSHROOM HEAD

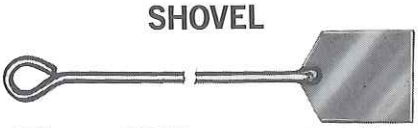
Part No.	Dia.	Wt. lbs.
672149	2½"	1.25

RAKE

Part No.	Overall Length	Wt. lbs.
681300	25"	1

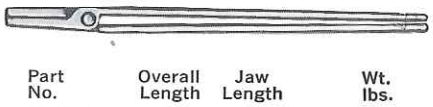
POKER

Part No.	Overall Length	Wt. lbs.
681400	27"	1



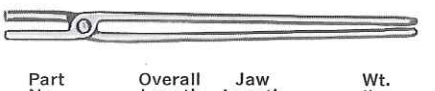
SHOVEL

Part No.	Overall Length	Wt. lbs.
681500	25"	2



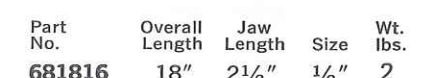
CLOSE MOUTH TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
681600	18"	2⅝"	2



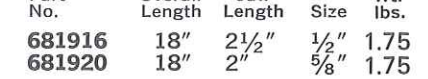
OPEN MOUTH TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
681700	18"	2⅝"	2



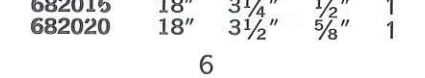
HOLLOW BIT TONGS

Part No.	Overall Length	Jaw Length	Size	Wt. lbs.
681816	18"	2½"	½"	2
681820	18"	1¼"	¾"	2



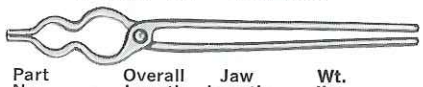
DBL HOLLOW BIT TONGS

Part No.	Overall Length	Jaw Length	Size	Wt. lbs.
681916	18"	2½"	½"	1.75
681920	18"	2"	⅝"	1.75



BOLT TONGS

Part No.	Overall Length	Jaw Length	Size	Wt. lbs.
682012	18"	3"	⅜"	1
682015	18"	3¼"	½"	1
682020	18"	3½"	⅝"	1



PICK UP TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
682100	18"	5"	2

UNIVERSAL TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
682200	18"	3"	1.75

SQUARE MOUTH TONGS

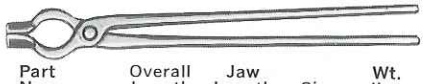
Part No.	Overall Length	Jaw Length	Size	Wt. lbs.
682300	18"	2¾"	½"	2

SIDE MOUTH TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
682400	18"	3"	2

FLAT MOUTH TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
682500	18"	2¾"	2

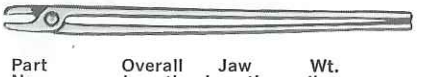


ROUND MOUTH TONGS

Part No.	Overall Length	Jaw Length	Size	Wt. lbs.
682600	18"	2¾"	¾"	1.75

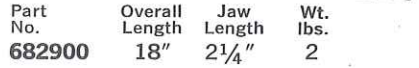
RIVET TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
682700	18"	5½"	1.5



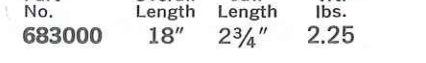
FARRIER TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
682800	18"	1¼"	1.75



BAND JAW TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
682900	18"	2¼"	2



ROUND SIDE MOUTH TONGS

Part No.	Overall Length	Jaw Length	Wt. lbs.
683000	18"	2¾"	2.25

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PLANISHING HAMMER

A primary tool used in shaping and forming. One head has a flat face, the other head has a bevelled face.

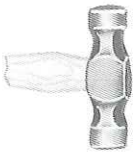
Part No.	Head Length	Wt. lbs.
691241	3¾"	.75
691242	4½"	1
691243	5"	1.5
691244	5⅜"	2

BLOCKING HAMMER

Has one square head and one round head with flat faces.

Part No.	Head Length	Wt. lbs.
691250	3½"	.75
691260	3½"	.75

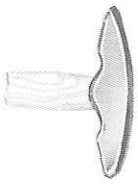
SMOOTHING HAMMER



Both heads have bevelled faces.

Part No.	Head Length	Wt. lbs.
691270	3⅝"	.75

PANING HAMMER



Acute angeled faces tuck in metal when forming wire edges.

Part No.	Head Length	Wt. lbs.
691281	4½"	.5
691282	4⅝"	.75
691283	5"	1

CREASING HAMMER

Has rounded angle faces for forming grooves on creasing or grooving stakes.

Part No.	Head Length	Wt. lbs.
691290	4½"	.50
691291	4⅝"	.75

HOLLOWING HAMMER

For forming small bowl shapes.

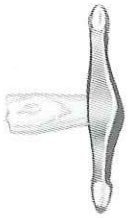
Part No.	Head Length	Wt. lbs.
691301	5"	1

RIVETTING HAMMER

Round head with beveled face and rounded cross pein.

Part No.	Head Length	Wt. lbs.
691591	5"	1

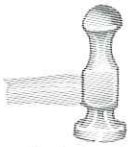
STRETCHING HAMMER



For raising and planishing shaped cylindrical work.

Part No.	Head Length	Wt. lbs.
691602	5⅜"	1

REPOUSSE HAMMER



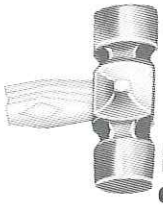
Used for decorative work involving embossing.

Part No.	Head Dia.	Head Length	Wt. Oz.
691636	1 3/16"	3"	4

FARRIERS CLAW HAMMER

Part No.	Head Length	Wt. lbs.
691653	4½"	.75

SHOE TURNING HAMMER



Part No.	Head Length	Wt. lbs.
691662	4¾"	2.5

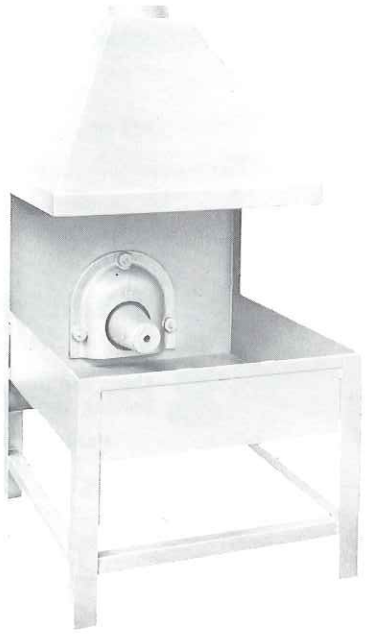
LEATHER SANDBAG

Part No.	Size	Wt. lbs.
691708	8"	3.25
691709	9"	4.5

HAND BELLOWS

Part No.	Size	Wt. lbs.
691791	9"	2.5
691792	10"	2.75

Blacksmiths' & Tinmen's FORGES

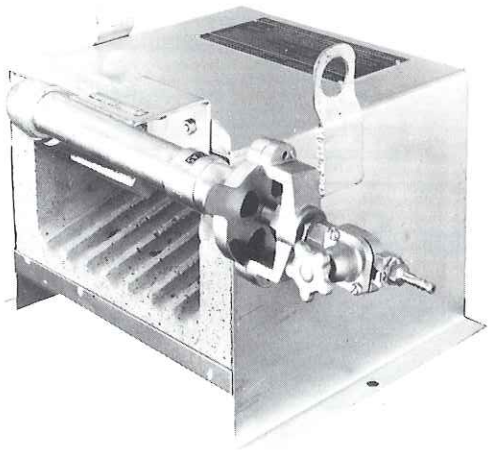


692151

Heavy Duty Rectangular Forging Hearth. Pan Size 39″ x 39″ x 10½″. ⅛ HP Driven Motor. Suitable for 220/240 Single Phase Adjustable to Vary Blast. Furnished with Switch for Wall Mounting. Weight 605 lbs.

692213

Heavy Pattern Circular Fan Forge. Size 18″ in Diameter x 6″ Deep. Fitted with Hand Geared Fan (48 to 1). Weight 77 lbs. Assembly required.



692070

LP Fired Portable Forge. Supplied with Control Valve and Injector. Weight 50 lbs.

Milwaukee Tool & Equipment Company

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